

Converting Colors

YUV(108.1720, -47.9058,
12.1272)

Have a look what the booklet for
YUV(108.1720, -47.9058, 12.1272)
contains.

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Color

**YUV(108.1720, -47.9058,
12.1272)**

Conversions

Conversions Part 1

Format	Color
Hex	7A780B
RGB	122, 120, 11
RGB Percent	48%, 47%, 4%
CMY	0.5216, 0.5294, 0.9569
CMYK	0.00, 0.02, 0.91, 0.52
HSL	59°, 83%, 26%
HSV	59°, 91%, 48%
XYZ	14.8029, 17.5947, 2.9325
YIQ	108.1720, 36.1810, -33.4750

Conversions

Conversions Part 2

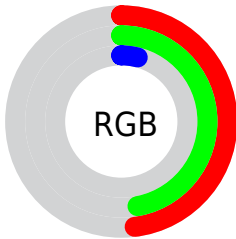
Format	Color
RYB	13, 122, 11
Decimal	8026123
CIELab	49.00, -11.16, 52.12
CIElCh	49, 53.302, 102.089
Yxy	17.5947, 0.4190, 0.4980
Android (android.graphics.Color)	4286216203 (0xFF7A780B)
YUV	108.1720, -47.9058, 12.1272
Hunter-Lab	41.9460, -10.4122, 25.2171

Details

The YUV color **108.1720, -47.9058, 12.1272** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **24.8280, 47.9058, -12.1272**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0520, -45.8746, 13.9864**, and **63.1940, -31.1546, 5.9689** is the 20% darker color. If you saturate the color by 10%, you get **106.9180, -52.7106, 13.2269**, and if you desaturate by 10%, it is **109.5400, -42.6642, 10.9274**.

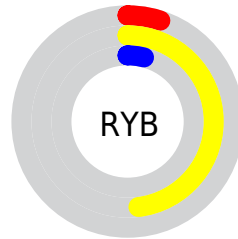
Distribution



Red (48%)

Green (47%)

Blue (4%)



Red (5%)

Yellow (48%)

Blue (4%)

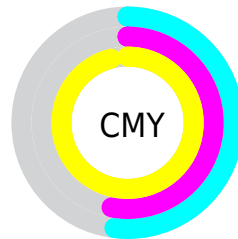


Cyan (0%)

Magenta (2%)

Yellow (91%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1720, -47.9058, 12.1272 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 108.1720, -47.9058, 12.1272 by changing the saturation by 10% instead.

■ 108.1720,
-47.9058, 12.1272

■ 108.1720,
-47.9058, 12.1272

■ 255.0000, 0.0000,
0.0000

■ 84.1700, -41.4958,
9.4979

■ 162.0520,
-45.8746, 13.9864

■ 63.1940, -31.1546,
5.9689

■ 189.2370,
-46.4588, 14.7012

■ 42.5060, -20.9555,
1.3102

■ 217.4220,
-47.0430, 15.4159

■ 22.7040, -11.1931,
-3.2484

■ 242.9160,
-46.3006, 10.5977

■ 0.0000, 0.0000,
0.0000

■ 245.9940,
-34.5070, 7.8983

■ 249.1860,

-22.2767, 5.0989

■ 252.4920, -9.6096,
2.1995

■ 108.1720,
-47.9058, 12.1272

■ 108.1720,
-47.9058, 12.1272

■ 106.9180,
-52.7106, 13.2269

■ 109.5400,
-42.6642, 10.9274

■ 110.9080,
-37.4226, 9.7277

■ 112.9770,
-32.0337, 7.9132

■ 114.3450,
-26.7921, 6.7134

■ 115.7130,
-21.5505, 5.5137

■ 117.0810,
-16.3089, 4.3140

■ 119.0360,
-11.3567, 2.5994

■ 120.5180, -5.6784,
1.2997

■ 121.8860, -0.4368,
0.1000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111.8090, -43.7828, 43.1405



108.1720, -47.9058, 12.1272



102.5550, -28.8676, -27.6737

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



108.1720, -47.9058, 12.1272



99.8960, 37.5193, -87.6088



116.7450, 13.9297, 58.9826

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



108.1720, -47.9058, 12.1272



24.8280, 47.9058, -12.1272

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.7860, 31.6575, 19.4817



108.1720, -47.9058, 12.1272



98.7510, 50.9018, -86.6046

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



108.1720, -47.9058, 12.1272



96.2820, 18.5950, -84.4393



107.3200, 48.1562, -45.8846



112.8660, -6.3429, 74.6625

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



108.1720, -47.9058, 12.1272



87.4530, -7.6183, -76.6963



107.3200, 48.1562, -45.8846



118.5740, 19.9300, 47.7316

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



108.1720, -47.9058, 12.1272



152.5110, -18.4929, 4.8139



44.6450, -14.6150, 67.8403



76.1500, -10.9200, 2.4994



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



108.1720, -47.9058, 12.1272



138.2270, -68.1459, 17.3409



93.7980, -40.8194, -20.8708



60.3160, -2.6208, 0.5999



109.5760, -54.0210, 13.5268



220.9240, -108.9155, 27.2537

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.8280, 47.9058, -12.1272



19.7730, 68.1459, -17.3409



39.2020, 40.8194, 20.8708



55.6840, 2.6208, -0.5999



15.4240, 54.0210, -13.5268



31.6630, 108.6261, -27.7685

Previews

White Background



This preview shows how the YUV color 108.1720, -47.9058, 12.1272 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.1720, -47.9058, 12.1272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.1720, -47.9058, 12.1272

Background



This preview shows how black text looks on a background with the YUV color 108.1720, -47.9058, 12.1272.

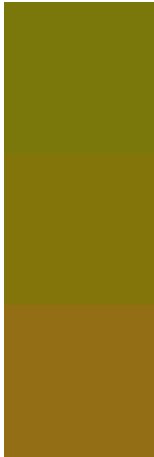


This preview shows how white text looks on a background with the YUV color 108.1720, -47.9058, 12.1272.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

108.1720, -47.9058, 12.1272

Protanopia

108.9880, -48.8011, 19.3045

Deuteranopia

110.8030, -44.7659, 31.7448



Tritanopia

118.2940, 0.8411, 10.2662

Trichromacy



Original Color

108.1720, -47.9058, 12.1272

Protanomaly

108.6780, -48.6483, 16.9454

Deuteranomaly

110.1180, -45.9072, 24.4525

Tritanomaly

114.5980, -17.0568, 10.8766

Monochromacy



Original Color

108.1720, -47.9058, 12.1272

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8530, -17.1825, 4.5139

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1720, -47.9058, 12.1272 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(122, 120, 11)` looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 11)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(122, 120, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 11) }
```

Border

The CSS property to change the border of an element to YUV 108.1720, -47.9058, 12.1272 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 120, 11) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(122, 120, 11) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(122, 120, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 120, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 120, 11);  
box-shadow:4px 4px 4px 4px rgb(122, 120,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 108.1720, -47.9058, 12.1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 120, 11) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(122,  
120, 11) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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